Appliance tester
TG 0701

Equipment and operation

The TG 0701 appliance tester is a handy testing device in accordance with VDE 0701. The TG 0701 is used for testing protective conductor resistance, insulation resistance and substitute leakage current. These tests are necessary after modification and / or repair of electrical devices. There is a separate button for each of the three tests – this helps avoid operational errors. The two-colour scale with a green area for "good" and red area for "bad" enables safe and simple recognition of the test results. Thousands of applications in the field make the TG 0701 a tried and tested classic.

Order information

TG 0701	Appliance tester	N54094
Accessories	Bag for TG 0701	N50722

Technical data

Supply voltage:	230 V (207 ... 253 V) 50 Hz
Current consumption:	16 mA
Fuse:	F 0,125 C DIN 41571
Working temperature:	10 ... 30 °C
Function temperature:	0 ... 50 °C
Accuracy:	2.5%
Dimensions:	98 x 144 x 56 mm (W x D x H)
Degree of pollution:	2
Weight:	700 g
Overvoltage category:	CAT II 300 V
EMC:	Emitted interference according to EN 55011 Interference resistance according to EN 61000-4-2

Measurements in accordance with VDE 0701

Protective conductor resistance

Measuring range:	0 ... 1 Ω	
Limit value:	0.3 Ω	
Measurement current:	min. 200 mA	

Insulation resistance

Measuring range:	200 kΩ ... 10 MΩ	
Limit value:	Devices of protection class I	1 MΩ
	Devices of protection class II	2 MΩ
Test voltage:	min. 500 V	
Nominal/ short circuit current :	1/4.9 mA	

Substitute leakage current

Measuring range:	0 ... 18 mA	
Limit value:	for devices with output ≤ 3.5 kW	3.5 mA
	for devices with output > 3.5 kW	1 mA /kW
Measurement voltage:	< 40 V AC	